

09/913508

518 Rec'd PCT/PTO 15 AUG 2001

SOVIET UNION 1798045
REFRACTUREUS RES INST

ABSTRACT

The cutting plate in the form of a polyhedron comprises a front surface (1) and a rear surface (2) at an angle to it, cutting edges (3), strengthening facet (4) inclined to the plane of the cutting edges, and a swarf-breaking groove (5).

The strengthening facet is in the form of three sectors, the angle of inclination of which to be the plane of the cutting edges is determined from specified expressions. The third sector of the strengthening facet is wider than the first two sectors.

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